

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/052293

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 137 201 A (MITSUBISHI ELECTRIC INF TECH) 26 September 2001 (2001-09-26) abstract; figures 3,5,6 paragraphs '0016! - '0019!, '0023! - '0025!, '0039!, '0040! -----	1-24
X	EP 1 143 638 A (MITSUBISHI ELECTRIC INF TECH) 10 October 2001 (2001-10-10) abstract; figures 3,5-11 paragraphs '0003! - '0017!, '0021! - '0025!, '0028! - '0046! ----- -/-	10-15, 21-24

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## • Special categories of cited documents :

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- \*&\* document member of the same patent family

Date of the actual completion of the International search

18 January 2005

Date of mailing of the International search report

31/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KLEIN A: "Data detection algorithms specially designed for the downlink of CDMA mobile radio systems"          VEHICULAR TECHNOLOGY CONFERENCE, 1997,          IEEE 47TH PHOENIX, AZ, USA 4-7 MAY 1997,          NEW YORK, NY, USA, IEEE, US,          vol. 1, 4 May 1997 (1997-05-04), pages          203-207, XP010228779          ISBN: 0-7803-3659-3          cited in the application          abstract</p> <p>-----</p> <p>"3rd Generation Partnership Project;          Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TTD) (Release 4)"          3GPP TS 25.221 V4.2.0, XX, XX,          September 2001 (2001-09), pages 1-88,          XP002192344          cited in the application</p> <p>-----</p>	1-23
A		1-23

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/052293

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 1137201	A	26-09-2001	EP 1137201 A1 AT 266284 T AU 4117601 A CN 1365584 T DE 60010426 D1 DE 60010426 T2 EP 1414170 A1 WO 0172070 A1 US 2003224755 A1 US 2002136177 A1	26-09-2001 15-05-2004 03-10-2001 21-08-2002 09-06-2004 16-09-2004 28-04-2004 27-09-2001 04-12-2003 26-09-2002
EP 1143638	A	10-10-2001	EP 1143638 A1 AT 262758 T AU 4463301 A CN 1383640 T DE 60009262 D1 DE 60009262 T2 EP 1404034 A2 WO 0176116 A1 US 2004013186 A1 US 2003058925 A1	10-10-2001 15-04-2004 15-10-2001 04-12-2002 29-04-2004 05-08-2004 31-03-2004 11-10-2001 22-01-2004 27-03-2003